

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L121	17	L120 and (coefficient same ((add\$3 or sum) and (division or divid\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:57
L120	248	L119 and (antialiasing or antialiased or antialias or anti-aliasing or anti-aliased or anti-alias or "anti alias" or "anti aliasing" or "anti aliased")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:56
L119	5958	(edge or line) near7 (direction and center and pixel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:56
L118	57	L116 and L117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:54
S106	56	S103 and S104	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:44
L117	58	L115 and slope	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:44
L116	134	L115 and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:44
L115	147	(alias\$3 near7 (triangle or parallelogram or trapezoid))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:44
L111	2	382/269.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:43

## EAST Search History

L109	4	382/266.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:43
L105	1	382/272.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:43
L103	30	382/269.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:43
L101	21	382/266.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:43
S80	1	382/264.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:42
L113	0	382/272.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:42
L107	0	382/264.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:42
L99	9	382/264.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:42
L97	1	382/272.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:42
L95	7	382/269.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:42

## EAST Search History

L93	4	382/266.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:42
L91	1	382/264.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:42
L89	0	382/258.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:41
L87	0	382/206.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:41
L85	0	382/202.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:41
L81	3	382/258.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:41
L72	1	382/206.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:41
S62	1	382/199.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:40
L78	0	382/206.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:40
L76	0	382/202.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:40

## EAST Search History

L74	0	382/258.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:40
L70	0	382/202.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:40
L69	1	382/199.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:40
S55	0	382/194.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:39
L67	0	382/194.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:39
L65	10	382/199.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:39
L63	0	382/194.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:39
L61	6	382/199.ccls. and (cover\$3 same pixel same shad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:39
L59	0	382/194.ccls. and (cover\$3 same pixel same shad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:39
L57	6	382/199.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:39

## EAST Search History

L55	0	382/194.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:39
S52	78	382/193.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:38
L54	80	382/193.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:38
S51	8	345/441.ccls. and (alias\$3 and ((extend\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:37
S47	24	345/441.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:37
L53	8	345/441.ccls. and (alias\$3 and ((extend\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:37
L51	4	345/443.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:37
L49	3	345/441.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:37
L47	23	345/443.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:37
L46	25	345/441.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:37

## EAST Search History

S46	14	345/443.ccls. and (cover\$3 same pixel same shad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:36
L45	14	345/443.ccls. and (cover\$3 same pixel same shad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:36
S43	16	345/441.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:35
L43	17	345/441.ccls. and (cover\$3 same pixel same shad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:35
L41	14	345/443.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:35
L40	17	345/441.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:35
S40	42	345/617.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:34
L39	48	345/617.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:34
L37	60	345/615.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:34
L34	77	345/614.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:34

## EAST Search History

L33	40	345/612.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:34
S38	68	345/614.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:33
S37	38	345/612.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:33
L31	16	345/611.ccls. and (alias\$3 and ((extend\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:22
L30	9	345/611.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:22
S35	8	345/611.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:18
S32	24	345/611.ccls. and (cover\$3 same pixel same shad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:17
L28	88	345/611.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:17
L27	26	345/611.ccls. and (cover\$3 same pixel same shad\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:17
S33	23	345/611.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15

## EAST Search History

S29	14	(345/428.ccls. or 345/581.ccls. or 345/596.ccls. or 345/597.ccls. or 345/606.ccls.) and (alias\$3 and (cover\$3 same pixel same shad\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15
S28	1	(345/428.ccls. or 345/581.ccls. or 345/596.ccls. or 345/597.ccls. or 345/606.ccls.) and (alias\$3 and (line same cover\$3 same pixel same shad\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15
S24	13	345/606.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15
L26	25	345/611.ccls. and (cover\$3 same pixel same shad\$3) and line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15
L25	14	(345/428.ccls. or 345/581.ccls. or 345/596.ccls. or 345/597.ccls. or 345/606.ccls.) and (alias\$3 and (cover\$3 same pixel same shad\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15
L23	14	(345/428.ccls. or 345/581.ccls. or 345/596.ccls. or 345/597.ccls. or 345/606.ccls.) and (alias\$3 and (cover\$3 same pixel same shad\$3) and line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15
L22	1	(345/428.ccls. or 345/581.ccls. or 345/596.ccls. or 345/597.ccls. or 345/606.ccls.) and (alias\$3 and (line same cover\$3 same pixel same shad\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15
L20	1	345/606.ccls. and (alias\$3 and ((extend\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15
L18	3	345/606.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15
L17	13	345/606.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:15



## EAST Search History

S20	1	345/597.ccls. and (alias\$3 and ((extend\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:14
S17	7	345/596.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:14
L15	0	345/597.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:14
L13	3	345/597.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:14
L10	1	345/597.ccls. and (alias\$3 and ((extend\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:14
L9	7	345/596.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:14
L7	1	345/596.ccls. and (alias\$3 and ((extend\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:14
L5	0	345/596.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:14
L4	0	345/596.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:14
S18	0	345/596.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:13

## EAST Search History

S16	28	345/581.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:13
S15	1	345/581.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:13
L3	29	345/581.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:13
L2	1	345/581.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:13
S14	3	345/581.ccls. and (alias\$3 and ((extend\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:12
L1	3	345/581.ccls. and (alias\$3 and ((extend\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 12:12
S13 0	0	S129	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:00
S12 9	0	345/428.ccls. and (alias\$3 and ((extend\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:00
S12 8	1	345/428.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:00
S12 7	29	345/428.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:00

## EAST Search History

S12	1	345/428.ccls. and (alias\$3 and ((expand\$3 or expans\$3) near7 line) and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 10:00
S12 6	3	hong-mike.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:59
S12 5	0	hong-zheu-mike.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:59
S12 4	0	hong-zheu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:59
S11	29	345/428.ccls. and (line and alias\$3 and area and (pixel near5 center))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/19 09:59
S6	3	hong-mike.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:59
S5	0	hong-zheu-mike.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:59
S4	0	hong-zheu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:59
S12 3	1	jiao-yang-jeff.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:58
S12 2	1	jiao-jeff.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:58

## EAST Search History

S12 1	1	jiao-yang.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:58
S3	1	jiao-yang-jeff.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:58
S2	1	jiao-jeff.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:58
S1	0	jiao-yang.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/19 09:58